

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

What is claimed is:

1. (Currently Amended) A method comprising:
running a basic input/output system (BIOS) of a computing system;
reading a non-volatile memory coupled to the BIOS; and
determining if legacy partition address data is not present for a disk partition identified in the non-volatile memory, and if legacy partition address data is not present for the disk partition,

executing a Legacy option read only memory (OPROM) to obtain legacy partition address data for the disk partition that does not have associated legacy partition address data.
2. (Canceled)
3. (Currently Amended) The method of claim [[2]] 1, further comprising, updating a partition entry in the non-volatile memory with the legacy partition address data.
4. (Currently Amended) The method of claim [[2]] 1, further comprising, updating a partition entry of a disk drive with the legacy partition address data.
5. (Original) The method of claim 4, wherein the disk drive is a hard disk drive.
6. (Original) The method of claim 5, wherein the legacy partition address data is address data compatible with a cylinder, head, sector (CHS) scheme.
7. (Original) The method of claim 5, wherein the updated partition entry is part of a master boot record (MBR) of the hard disk drive.

8. (Original) The method of claim 1, wherein the disk partition identified in the non-volatile memory that does not include legacy partition address data does include non-legacy address partition data.

9. (Original) The method of claim 8, wherein the non-legacy address partition data is address data compatible with a logical block addressing (LBA) scheme.

10. (Currently Amended) An apparatus comprising:
a basic input/output system (BIOS);
a non-volatile memory coupled to the BIOS; and
Legacy option read only memory (OPROM);
wherein the BIOS determines if legacy partition address data is not present for a disk partition in the non-volatile memory, and if legacy partition address data is not present for the disk partition, the BIOS causes the execution of the Legacy OPRM causing legacy partition address data for the disk partition that does not have associated legacy partition address data to be obtained.

11. (Canceled)

12. (Currently Amended) The apparatus of claim [[11]] 10, further comprising, updating a partition entry in the non-volatile memory with the legacy partition address data.

13. (Currently Amended) The apparatus of claim [[11]] 10, wherein the BIOS updates a partition entry of a disk drive with the legacy partition address data.

14. (Original) The apparatus of claim 13, wherein the disk drive is a hard disk drive.

15. (Original) The apparatus of claim 14, wherein the legacy partition address data is address data compatible with a cylinder, head, sector (CHS) scheme.

16. (Original) The apparatus of claim 15, wherein the updated partition entry is part of a master boot record (MBR) of the hard disk drive.

17. (Original) The apparatus of claim 10, wherein the disk partition identified in the non-volatile memory that does not include legacy partition address data does include non-legacy address partition data.

18. (Original) The apparatus of claim 17, wherein the non-legacy address partition data is address data compatible with a logical block addressing (LBA) scheme.

19. (Currently Amended) A machine-readable medium having stored thereon instructions, which when executed by a machine, cause the machine to perform the following operations comprising:

running a basic input/output system (BIOS) of a computing system;
reading a non-volatile memory coupled to the BIOS; and
determining if legacy partition address data is not present for a disk partition identified in the non-volatile memory, and if legacy partition address data is not present for the disk partition,

executing a Legacy option read only memory (OPROM) to obtain legacy partition address data for the disk partition that does not have associated legacy partition address data.

20. (Canceled)

21. (Currently Amended) The machine-readable medium of claim [[20]] 19, further comprising, updating a partition entry in the non-volatile memory with the legacy partition address data.

22. (Currently Amended) The machine-readable medium of claim [[20]] 19, further comprising, updating a partition entry of a disk drive with the legacy partition address data.

23. (Original) The machine-readable medium of claim 22, wherein the disk drive is a hard disk drive.

24. (Original) The machine-readable medium of claim 23, wherein the legacy partition address data is address data compatible with a cylinder, head, sector (CHS) scheme.

25. (Original) The machine-readable medium of claim 24, wherein the updated partition entry is part of a master boot record (MBR) of the hard disk drive.

26. (Currently Amended) A system comprising:
a basic input/output system (BIOS);
a non-volatile memory coupled to the BIOS;
Legacy option read only memory (OPROM); and
a hard disk drive having a master boot record (MBR) coupled to the BIOS;
wherein the BIOS determines if legacy partition address data is not present for a disk partition in the non-volatile memory, and if legacy partition address data is not present for the disk partition, the BIOS causes the execution of the Legacy OPRM causing legacy partition address data for the disk partition that does not have associated legacy partition address data to be obtained.

27. (Canceled)

28. (Currently Amended) The system of claim [[27]] 26, further comprising, updating a partition entry in the non-volatile memory with the legacy partition address data.

29. (Currently Amended) The system of claim [[27]] 26, wherein the BIOS updates a partition entry of the MBR of the hard disk drive with the legacy partition address data.

30. (Original) The system of claim 29, wherein the legacy partition address data is address data compatible with a cylinder, head, sector (CHS) scheme.